

## Radon Inspection Report

**Test Location:**

Susan Toumaian  
 1608 Cataluna Pl,  
 Palos Verdes Estates, , CA 90274  
 06 - Living Room

**Test For:**

Susan Toumaian  
 1608 Cataluna Pl,  
 Palos Verdes Estates, , CA 90274  
 STOUMAIAN@GMAIL.COM  
 310-541-1271

**Inspected By:**

JLM Environmental  
 15200 Grevillea Ave B  
 Lawndale, CA 90260  
 3109788281  
 Lic/Cert. # 13SS057

### Test Result: Fail

Overall Average:

**7.7 pCi/l**

EPA Average:

**8.1 pCi/l**

**Test Device Details:**

Serial Number: 105460008  
 Model Number: 1030  
 Cal-Factors: 3.08,3.07,3.17,3.06,3.18,3.20  
 Motion Error: Yes

**Test Site Condition:**

Bldg. Type: Residential Single Family  
 Type: Real Estate Transaction

**Test Summary:**

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
06 - Living Room	01/31/2022 10:09 AM	02/02/2022 10:09 AM	30 min	48 hr

*First 4 hrs of data excluded	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
Radon Concentration:	3.6	12.3	8.1	pCi/l
Temperature	55.6	61.9	58.9	F
Humidity	37	44	41	%
Pressure	28.78	29.00	28.88	inHg

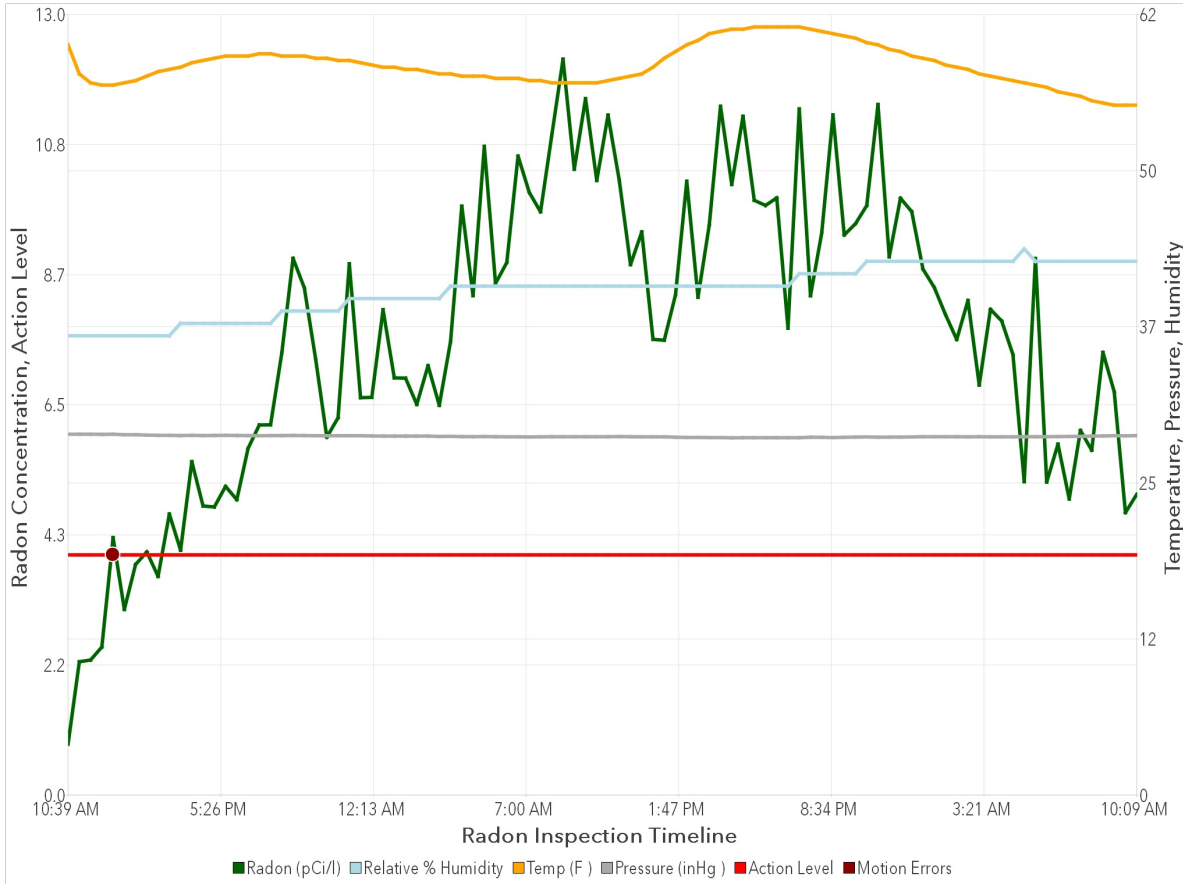
**Comments:**



Lic/Cert Signature

Inspection Report Date: 02/02/2022

**Radon Inspection Chart**



**Test Result: Fail**

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

Test device manufactured by SunRADON, LLC

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## Test Checklist

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- The location of the detector was selected so the detector was not to be disturbed during testing.
- The monitor was not placed in an area of high humidity such as: Kitchen, laundry room, cellar, spa room, garage, crawl space or sump area.
- The detector was not located near drafts caused by HVAC vents, windows and doors.
- Whole house fans were turned off during the testing.
- The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- Portable window fans were removed or sealed in place prior to testing.
- The detector was placed within the breathing zone of at least 20 inches to 6 feet above the floor and at least 1 foot below the ceiling if suspended.
- Window air conditioners were operable in recirculation mode only.
- The detector was not placed within 1 foot of outside walls of the home or within 3 feet of any windows or doors to the exterior of the home.
- Ceiling fans, portable dehumidifiers, portable humidifiers, portable air filters, and all window air conditioners are not operated within 20 feet of the detector.

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### Test Result: Fail

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

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Test device manufactured by SunRADON, LLC



**Test Table**

\* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Temp(F)</u>	<u>Pres(inHg)</u>	<u>Humidity(%)</u>	<u>Flags</u>
01/31/22 10:39 AM	0.8	60.4	29.07	37	-
01/31/22 11:09 AM	2.2	58.1	29.07	37	-
01/31/22 11:39 AM	2.2	57.4	29.07	37	-
01/31/22 12:09 PM	2.5	57.2	29.06	37	-
01/31/22 12:39 PM	4.3	57.2	29.07	37	M
01/31/22 01:09 PM	3.1	57.4	29.03	37	-
01/31/22 01:39 PM	3.8	57.6	29.03	37	-
01/31/22 02:09 PM	4.1	57.9	29.00	37	-
01/31/22 02:39 PM	3.6	58.3	28.98	37	-
01/31/22 03:09 PM	4.7	58.5	28.98	37	-
01/31/22 03:39 PM	4.1	58.6	28.96	38	-
01/31/22 04:09 PM	5.6	59.0	28.98	38	-
01/31/22 04:39 PM	4.8	59.2	28.96	38	-
01/31/22 05:09 PM	4.8	59.4	28.97	38	-
01/31/22 05:39 PM	5.1	59.5	28.98	38	-
01/31/22 06:09 PM	4.9	59.5	28.97	38	-
01/31/22 06:39 PM	5.8	59.5	28.96	38	-
01/31/22 07:09 PM	6.2	59.7	28.95	38	-
01/31/22 07:39 PM	6.2	59.7	28.96	38	-
01/31/22 08:09 PM	7.4	59.5	28.96	39	-
01/31/22 08:39 PM	8.9	59.5	28.97	39	-
01/31/22 09:09 PM	8.4	59.5	28.96	39	-
01/31/22 09:39 PM	7.3	59.4	28.95	39	-
01/31/22 10:09 PM	6.0	59.4	28.95	39	-
01/31/22 10:39 PM	6.3	59.2	28.95	39	-
01/31/22 11:09 PM	8.8	59.2	28.95	40	-
01/31/22 11:39 PM	6.6	59.0	28.95	40	-
02/01/22 12:09 AM	6.6	58.8	28.93	40	-
02/01/22 12:39 AM	8.1	58.6	28.92	40	-
02/01/22 01:09 AM	6.9	58.6	28.92	40	-
02/01/22 01:39 AM	6.9	58.5	28.92	40	-
02/01/22 02:09 AM	6.5	58.5	28.92	40	-
02/01/22 02:39 AM	7.2	58.3	28.92	40	-
02/01/22 03:09 AM	6.5	58.1	28.89	40	-
02/01/22 03:39 AM	7.6	58.1	28.90	41	-
02/01/22 04:09 AM	9.8	57.9	28.88	41	-
02/01/22 04:39 AM	8.3	57.9	28.87	41	-
02/01/22 05:09 AM	10.8	57.9	28.88	41	-
02/01/22 05:39 AM	8.5	57.7	28.87	41	-
02/01/22 06:09 AM	8.9	57.7	28.86	41	-
02/01/22 06:39 AM	10.6	57.7	28.86	41	-
02/01/22 07:09 AM	10.0	57.6	28.85	41	-
02/01/22 07:39 AM	9.7	57.6	28.86	41	-
02/01/22 08:09 AM	11.0	57.4	28.87	41	-

**Test Result: Fail**

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

Test device manufactured by SunRADON, LLC



**Test Table**

\* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Temp(F)</u>	<u>Pres(inHg)</u>	<u>Humidity(%)</u>	<u>Flags</u>
02/01/22 08:39 AM	12.3	57.4	28.87	41	-
02/01/22 09:09 AM	10.4	57.4	28.87	41	-
02/01/22 09:39 AM	11.6	57.4	28.87	41	-
02/01/22 10:09 AM	10.2	57.4	28.87	41	-
02/01/22 10:39 AM	11.3	57.6	28.87	41	-
02/01/22 11:09 AM	10.2	57.7	28.88	41	-
02/01/22 11:39 AM	8.8	57.9	28.87	41	-
02/01/22 12:09 PM	9.4	58.1	28.86	41	-
02/01/22 12:39 PM	7.6	58.6	28.86	41	-
02/01/22 01:09 PM	7.6	59.4	28.86	41	-
02/01/22 01:39 PM	8.3	59.9	28.83	41	-
02/01/22 02:09 PM	10.2	60.4	28.81	41	-
02/01/22 02:39 PM	8.3	60.8	28.81	41	-
02/01/22 03:09 PM	9.5	61.3	28.80	41	-
02/01/22 03:39 PM	11.5	61.5	28.80	41	-
02/01/22 04:09 PM	10.2	61.7	28.78	41	-
02/01/22 04:39 PM	11.3	61.7	28.79	41	-
02/01/22 05:09 PM	9.9	61.9	28.79	41	-
02/01/22 05:39 PM	9.8	61.9	28.79	41	-
02/01/22 06:09 PM	9.9	61.9	28.79	41	-
02/01/22 06:39 PM	7.8	61.9	28.79	41	-
02/01/22 07:09 PM	11.4	61.9	28.79	42	-
02/01/22 07:39 PM	8.3	61.7	28.83	42	-
02/01/22 08:09 PM	9.4	61.5	28.82	42	-
02/01/22 08:39 PM	11.3	61.3	28.80	42	-
02/01/22 09:09 PM	9.3	61.2	28.82	42	-
02/01/22 09:39 PM	9.5	61.0	28.84	42	-
02/01/22 10:09 PM	9.8	60.6	28.85	43	-
02/01/22 10:39 PM	11.5	60.4	28.83	43	-
02/01/22 11:09 PM	9.0	60.1	28.84	43	-
02/01/22 11:39 PM	9.9	59.9	28.84	43	-
02/02/22 12:09 AM	9.7	59.5	28.85	43	-
02/02/22 12:39 AM	8.8	59.4	28.87	43	-
02/02/22 01:09 AM	8.5	59.2	28.87	43	-
02/02/22 01:39 AM	8.0	58.8	28.87	43	-
02/02/22 02:09 AM	7.6	58.6	28.87	43	-
02/02/22 02:39 AM	8.2	58.5	28.86	43	-
02/02/22 03:09 AM	6.8	58.1	28.87	43	-
02/02/22 03:39 AM	8.1	57.9	28.86	43	-
02/02/22 04:09 AM	7.9	57.7	28.86	43	-
02/02/22 04:39 AM	7.3	57.6	28.86	43	-
02/02/22 05:09 AM	5.2	57.4	28.87	44	-
02/02/22 05:39 AM	8.9	57.2	28.87	43	-
02/02/22 06:09 AM	5.2	57.0	28.87	43	-

**Test Result: Fail**

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

Test device manufactured by SunRADON, LLC



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### Test Table

\* Data from first 4 hours excluded from EPA calculations

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<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Temp(F)</u>	<u>Pres(inHg)</u>	<u>Humidity(%)</u>	<u>Flags</u>
02/02/22 06:39 AM	5.8	56.7	28.88	43	-
02/02/22 07:09 AM	4.9	56.5	28.89	43	-
02/02/22 07:39 AM	6.1	56.3	28.90	43	-
02/02/22 08:09 AM	5.7	55.9	28.92	43	-
02/02/22 08:39 AM	7.4	55.8	28.93	43	-
02/02/22 09:09 AM	6.7	55.6	28.95	43	-
02/02/22 09:39 AM	4.7	55.6	28.94	43	-
02/02/22 10:09 AM	5.0	55.6	28.96	43	-

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### Test Result: Fail

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

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Test device manufactured by SunRADON, LLC

## Radon Inspection Report

**Test Location:**

Susan Toumaian  
 1608 Cataluna Pl,  
 Palos Verdes Estates, , CA 90274  
 07 - Dining Room

**Test For:**

Susan Toumaian  
 1608 Cataluna Pl,  
 Palos Verdes Estates, , CA 90274  
 STOUMAIAN@GMAIL.COM  
 310-541-1271

**Inspected By:**

JLM Environmental  
 15200 Grevillea Ave B  
 Lawndale, CA 90260  
 (310) 978-8281  
 Lic/Cert. # 13SS057

### Test Result: Fail

Overall Average:

**8.3 pCi/l**

EPA Average:

**8.7 pCi/l**

**Test Device Details:**

Serial Number: 93173028  
 Model Number: 1030  
 Cal-Factors: 2.63,2.64,2.70,2.66,2.67,2.61  
 Motion Error: No

**Test Site Condition:**

**Test Summary:**

<u>CRM Location:</u>	<u>Start:</u>	<u>Stop:</u>	<u>Interval:</u>	<u>Duration:</u>
07 - Dining Room	01/31/2022 10:01 AM	02/02/2022 10:01 AM	30 min	48 hr

*First 4 hrs of data excluded	<u>Min:</u>	<u>Max:</u>	<u>Average:</u>	<u>Measurement Units:</u>
Radon Concentration:	4.0	13.7	8.7	pCi/l
Temperature	55.6	60.8	58.3	F
Humidity	39	49	46	%
Pressure	28.80	29.01	28.91	inHg

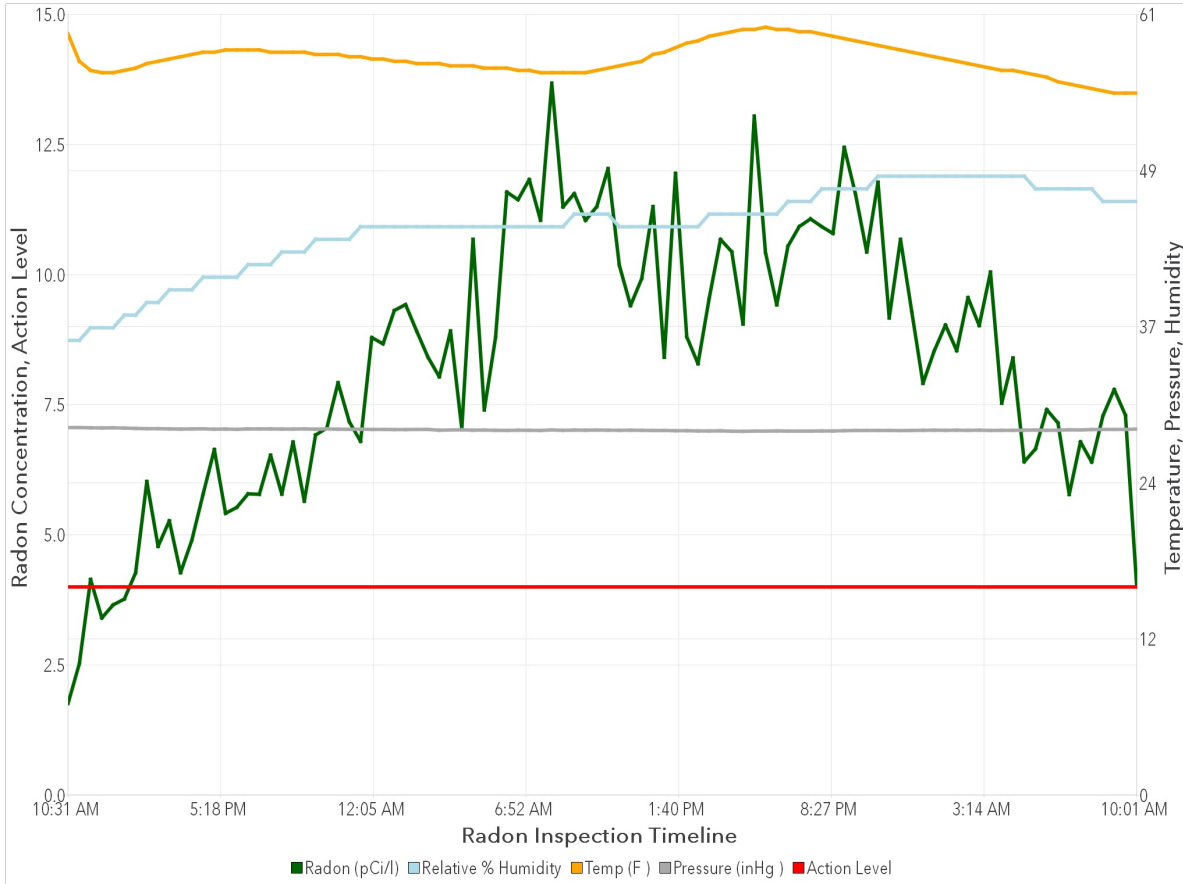
**Comments:**



Lic/Cert Signature

Inspection Report Date: 02/02/2022

**Radon Inspection Chart**



**Test Result: Fail**

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

Test device manufactured by SunRADON, LLC



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## Test Checklist

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- The location of the detector was selected so the detector was not to be disturbed during testing.
- The monitor was not placed in an area of high humidity such as: Kitchen, laundry room, cellar, spa room, garage, crawl space or sump area.
- The detector was not located near drafts caused by HVAC vents, windows and doors.
- Whole house fans were turned off during the testing.
- The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- Portable window fans were removed or sealed in place prior to testing.
- The detector was placed within the breathing zone of at least 20 inches to 6 feet above the floor and at least 1 foot below the ceiling if suspended.
- Window air conditioners were operable in recirculation mode only.
- The detector was not placed within 1 foot of outside walls of the home or within 3 feet of any windows or doors to the exterior of the home.
- Ceiling fans, portable dehumidifiers, portable humidifiers, portable air filters, and all window air conditioners are not operated within 20 feet of the detector.

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### Test Result: Fail

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

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Test device manufactured by SunRADON, LLC



### Test Table

\* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Temp(F)</u>	<u>Pres(inHg)</u>	<u>Humidity(%)</u>	<u>Flags</u>
01/31/22 10:31 AM	1.8	60.3	29.10	36	-
01/31/22 11:01 AM	2.5	58.1	29.10	36	-
01/31/22 11:31 AM	4.1	57.4	29.08	37	-
01/31/22 12:01 PM	3.4	57.2	29.07	37	-
01/31/22 12:31 PM	3.7	57.2	29.08	37	-
01/31/22 01:01 PM	3.8	57.4	29.06	38	-
01/31/22 01:31 PM	4.3	57.6	29.03	38	-
01/31/22 02:01 PM	6.0	57.9	29.01	39	-
01/31/22 02:31 PM	4.8	58.1	29.01	39	-
01/31/22 03:01 PM	5.3	58.3	28.99	40	-
01/31/22 03:31 PM	4.3	58.5	28.98	40	-
01/31/22 04:01 PM	4.9	58.6	28.99	40	-
01/31/22 04:31 PM	5.8	58.8	29.00	41	-
01/31/22 05:01 PM	6.6	58.8	28.97	41	-
01/31/22 05:31 PM	5.4	59.0	28.98	41	-
01/31/22 06:01 PM	5.5	59.0	28.96	41	-
01/31/22 06:31 PM	5.8	59.0	28.99	42	-
01/31/22 07:01 PM	5.8	59.0	28.99	42	-
01/31/22 07:31 PM	6.5	58.8	28.99	42	-
01/31/22 08:01 PM	5.8	58.8	28.98	43	-
01/31/22 08:31 PM	6.8	58.8	28.98	43	-
01/31/22 09:01 PM	5.6	58.8	28.99	43	-
01/31/22 09:31 PM	6.9	58.6	28.97	44	-
01/31/22 10:01 PM	7.1	58.6	28.99	44	-
01/31/22 10:31 PM	7.9	58.6	28.97	44	-
01/31/22 11:01 PM	7.2	58.5	28.96	44	-
01/31/22 11:31 PM	6.8	58.5	28.97	45	-
02/01/22 12:01 AM	8.8	58.3	28.95	45	-
02/01/22 12:31 AM	8.7	58.3	28.95	45	-
02/01/22 01:01 AM	9.3	58.1	28.94	45	-
02/01/22 01:31 AM	9.4	58.1	28.94	45	-
02/01/22 02:01 AM	8.9	57.9	28.95	45	-
02/01/22 02:31 AM	8.4	57.9	28.95	45	-
02/01/22 03:01 AM	8.0	57.9	28.89	45	-
02/01/22 03:31 AM	8.9	57.7	28.91	45	-
02/01/22 04:01 AM	7.0	57.7	28.92	45	-
02/01/22 04:31 AM	10.7	57.7	28.89	45	-
02/01/22 05:01 AM	7.4	57.6	28.90	45	-
02/01/22 05:31 AM	8.8	57.6	28.88	45	-
02/01/22 06:01 AM	11.6	57.6	28.87	45	-
02/01/22 06:31 AM	11.4	57.4	28.89	45	-
02/01/22 07:01 AM	11.8	57.4	28.88	45	-
02/01/22 07:31 AM	11.0	57.2	28.87	45	-
02/01/22 08:01 AM	13.7	57.2	28.91	45	-

### Test Result: Fail

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

Test device manufactured by SunRADON, LLC



### Test Table

\* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Temp(F)</u>	<u>Pres(inHg)</u>	<u>Humidity(%)</u>	<u>Flags</u>
02/01/22 08:31 AM	11.3	57.2	28.88	45	-
02/01/22 09:01 AM	11.6	57.2	28.90	46	-
02/01/22 09:31 AM	11.0	57.2	28.89	46	-
02/01/22 10:01 AM	11.3	57.4	28.90	46	-
02/01/22 10:31 AM	12.0	57.6	28.89	46	-
02/01/22 11:01 AM	10.2	57.7	28.88	45	-
02/01/22 11:31 AM	9.4	57.9	28.89	45	-
02/01/22 12:01 PM	9.9	58.1	28.88	45	-
02/01/22 12:31 PM	11.3	58.6	28.87	45	-
02/01/22 01:01 PM	8.4	58.8	28.87	45	-
02/01/22 01:31 PM	11.9	59.2	28.85	45	-
02/01/22 02:01 PM	8.8	59.5	28.85	45	-
02/01/22 02:31 PM	8.3	59.7	28.83	45	-
02/01/22 03:01 PM	9.6	60.1	28.83	46	-
02/01/22 03:31 PM	10.7	60.3	28.84	46	-
02/01/22 04:01 PM	10.4	60.4	28.81	46	-
02/01/22 04:31 PM	9.1	60.6	28.80	46	-
02/01/22 05:01 PM	13.0	60.6	28.82	46	-
02/01/22 05:31 PM	10.4	60.8	28.82	46	-
02/01/22 06:01 PM	9.4	60.6	28.83	46	-
02/01/22 06:31 PM	10.6	60.6	28.82	47	-
02/01/22 07:01 PM	10.9	60.4	28.82	47	-
02/01/22 07:31 PM	11.1	60.4	28.82	47	-
02/01/22 08:01 PM	10.9	60.3	28.83	48	-
02/01/22 08:31 PM	10.8	60.1	28.83	48	-
02/01/22 09:01 PM	12.4	59.9	28.85	48	-
02/01/22 09:31 PM	11.5	59.7	28.87	48	-
02/01/22 10:01 PM	10.4	59.5	28.87	48	-
02/01/22 10:31 PM	11.8	59.4	28.87	49	-
02/01/22 11:01 PM	9.2	59.2	28.87	49	-
02/01/22 11:31 PM	10.7	59.0	28.86	49	-
02/02/22 12:01 AM	9.3	58.8	28.87	49	-
02/02/22 12:31 AM	7.9	58.6	28.88	49	-
02/02/22 01:01 AM	8.5	58.5	28.89	49	-
02/02/22 01:31 AM	9.0	58.3	28.88	49	-
02/02/22 02:01 AM	8.5	58.1	28.89	49	-
02/02/22 02:31 AM	9.6	57.9	28.88	49	-
02/02/22 03:01 AM	9.0	57.7	28.89	49	-
02/02/22 03:31 AM	10.0	57.6	28.87	49	-
02/02/22 04:01 AM	7.5	57.4	28.88	49	-
02/02/22 04:31 AM	8.4	57.4	28.88	49	-
02/02/22 05:01 AM	6.4	57.2	28.89	49	-
02/02/22 05:31 AM	6.7	57.0	28.90	48	-
02/02/22 06:01 AM	7.4	56.8	28.88	48	-

### Test Result: Fail

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

Test device manufactured by SunRADON, LLC



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### Test Table

\* Data from first 4 hours excluded from EPA calculations

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<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Temp(F)</u>	<u>Pres(inHg)</u>	<u>Humidity(%)</u>	<u>Flags</u>
02/02/22 06:31 AM	7.2	56.5	28.89	48	-
02/02/22 07:01 AM	5.8	56.3	28.92	48	-
02/02/22 07:31 AM	6.8	56.1	28.91	48	-
02/02/22 08:01 AM	6.4	55.9	28.94	48	-
02/02/22 08:31 AM	7.3	55.8	28.95	47	-
02/02/22 09:01 AM	7.8	55.6	28.95	47	-
02/02/22 09:31 AM	7.3	55.6	28.95	47	-
02/02/22 10:01 AM	4.0	55.6	28.98	47	-

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### Test Result: Fail

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

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Test device manufactured by SunRADON, LLC

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## Radon Test Information

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### Understanding Radon Test Results

Recommended Action Levels vary by country and typically range from 3 pCi/l (100 Bq/m<sup>3</sup>) to 8 pCi/l (300 Bq/m<sup>3</sup>). Recommendations below are based on test results by a Continuous Radon Monitor (CRM) Test of at least 48h duration and are based on recommendations by the EPA.

Measured Average Radon Level:

- At or above 4.0 pCi/l (148 Bq/m<sup>3</sup>): Corrective measures to reduce exposure to radon gas is strongly recommended (ANSI MAH2014)
- Between 2-4 pCi/l (74-148 Bq/m<sup>3</sup>): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
- Below 2 pCi/l (74 Bq/m<sup>3</sup>): Consider bi-annual retest or whenever significant changes to the home structure or mechanical systems occurred

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**Test Result: Fail**

**Test Location:** 1608 Cataluna Pl, Palos Verdes Estates, , CA 90274

**Inspection Report Date:** 02/02/2022

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Test device manufactured by SunRADON, LLC